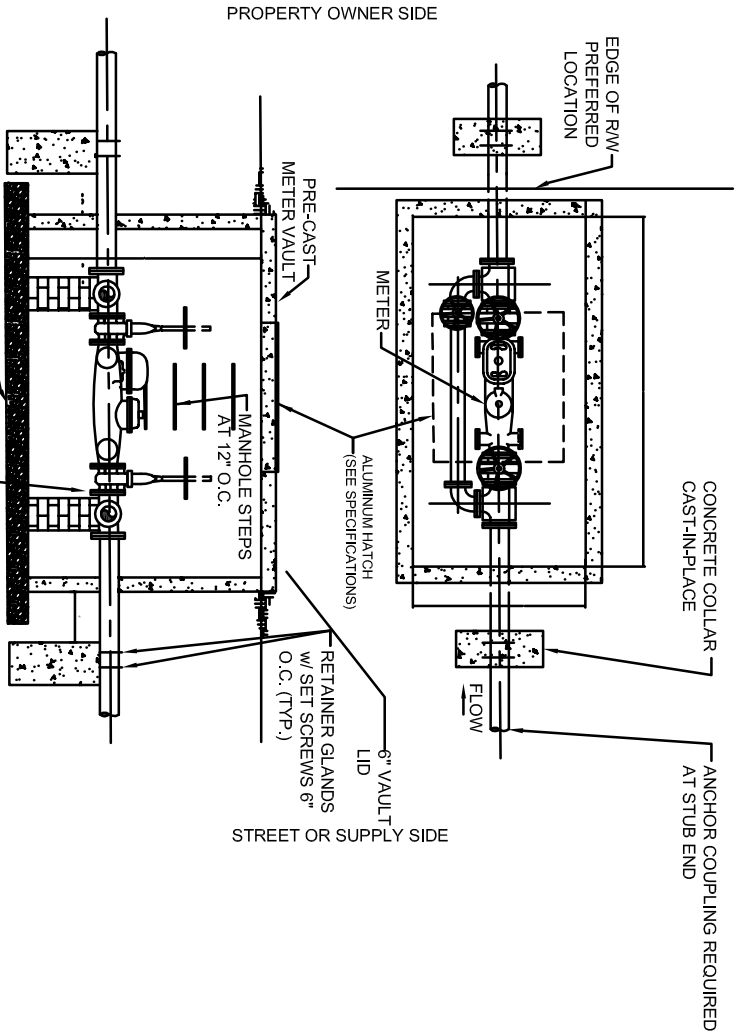


FULTON COUNTY STANDARD DETAIL 805  
LARGE METERS AND VAULT




NOTES: 8" GRAVEL (#57 STONE) PROVIDE DUCTILE IRON FLANGED ADAPTER BETWEEN METER ASSEMBLY AND GATE VALVE.

1. BOXES EXCEEDING 5' IN DEPTH MUST BE APPROVED BY FULTON COUNTY.
2. WHEN METER BOX CANNOT BE LOCATED ENTIRELY ON R/W, A PERMANENT EASEMENT SHALL BE OBTAINED TO PREVENT FENCES OR OTHER OBSTRUCTIONS FROM BEING ERECTED AROUND THE METER BOX.
3. COVER OPENING & STEPS TO BE PLACED NEAREST THE METER REGISTER.
4. THE METER MUST BE INSTALLED WITH AT LEAST 8" DIAMETERS OF STRAIGHT PIPE SAME SIZE AS METER ON THE INLET SIDE TO PERMIT ON-SITE MAINTENANCE AND CALIBRATION. A STRAINER MAY BE PROVIDED IN LIEU OF THE STRAIGHT PIPE IN ACCORDANCE WITH THE METER MANUFACTURER'S RECOMMENDATIONS. AN INLET AND OUTLET GATE VALVE WITH BYPASS LINE ARE REQUIRED (SEE ILLUSTRATION).
5. THESE BOXES ARE NOT TO BE INSTALLED IN TRAFFIC AREAS WITHOUT PRIOR PERMISSION FROM FULTON COUNTY.
6. ALL VALVES AND FITTINGS INSIDE THE VAULT SHALL BE FLANGED.
7. ALL FITTINGS OUTSIDE THE VAULT SHALL BE PUSH-ON JOINT WITH AMERICAN "FAST-GRIP" GASKETS OR APPROVED EQUAL.
8. ALL METERS SHALL COME EQUIPPED WITH A TOUCHREAD OR TOUCHLESS SENSOR COMPATIBLE WITH FULTON COUNTY'S METER READING EQUIPMENT.
9. THIS DETAIL ALSO AUTHORIZED FOR INSTALLATION OF 3" AND LARGER RE-USE METERS.
10. HATCH SHALL BE 4' X 6" DOUBLE LEAF FLUSH MOUNT 1/4" DIAMOND PLATE ALUMINIUM DOORS LOCKABLE WITH A 5/8" ROD. HATCH SHALL BE BILCO # PDGM-3 OR PRE-APPROVED EQUAL FOR 6" & 8" METERS. HATCH SHALL BE 36" X 36" SINGLE LEAF FLUSH MOUNT 1/4" DIAMOND PLATE ALUMINIUM DOOR LOCKABLE WITH 5/8" ROD. HATCH SHALL BE BILCO#PCM-5 OR PRE-APPROVED EQUAL FOR 3" & 4" METERS.

METER SIZE	VAULT L	VAULT W	VAULT D	HATCH SIZE
3"	9'	5'	6'	36" X 36"
4"	9'	5'	6'	36" X 36"
6"	12'	6'	6'	4' X 6'
8"	12'	6'	6'	4' X 6'

DATE	REVISIONS	DATE	REVISIONS
8/08	NRR		

DWG./DRW./CHKD. CWS  
APPROVED: \_\_\_\_\_ REV  
DATE: 12-2-05



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DRAWING NO. 805